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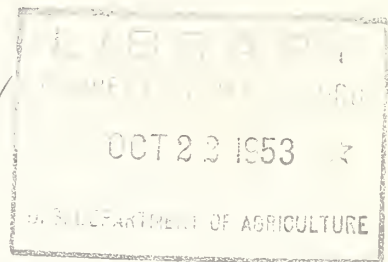


September 1953

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH ADMINISTRATION  
2 U.S. BUREAU OF ANIMAL INDUSTRY  
ANIMAL HUSBANDRY DIVISION

3 4 Meat Production Performance Test //

1952-53



The Meat Production Performance Test was adopted as an optional section of the National Poultry Improvement Plan at the 1950 Conference. It is available to any participant and to any type of breeding program. It consists of (1) a ten-week growing test period for chicks, (2) a 300-day egg production test on the female parent stock and (3) a measure of hatchability. The detailed provisions of the test are contained in Miscellaneous Publication 300 a copy of which may be obtained from your official State agency or from Animal Husbandry Division, Agricultural Research Center, Beltsville, Maryland.

The purpose of the Meat Production Performance Test is (1) to give recognition to the breeder for his efforts in improving meat qualities and (2) to make available to prospective purchasers comparable performance data as an aid in selecting good sources of chicks or breeding stock for commercial broiler production.

The summary which follows is a compilation of reports submitted by official State agencies covering the third test. These data are based on the performance of officially selected random samples of the entrants' stock.

The names and addresses of the State Supervisors in charge of the test in their respective States are as follows:

Indiana - Henry Mangus, Exec. Secy., Baby Chick Dept., State Poultry Assn. of Indiana, Inc., Poultry Building, Purdue Univ., Lafayette

New Hampshire - E. T. Bardwell, N. H. Poultry Impr. Bd., Inc., Durham

Ohio - Robert Hocker, ROP Supervisor, Poultry Adm., Ohio State Univ. Columbus 10

Entry	Breed or Cross	Chicks		Pullets		Cockerels		Average Weight			
		Start- ed	Mortal- ity 10 wks.	Av. wt. 10 wks.	Vari- abil- ity	Av. wt. 10 wks.	Vari- abil- ity	No.	Average Weight		
		No.	%	lbs.	3/	lbs.	3/		Live lbs.	Dress- ed lbs.	Eviscer- ated lbs.
Holtzapple Poultry Farm Elida, Ohio	WPR	300	3.0	3.0	10.2	3.8	9.2	58	3.7	3.3	-
1/ Lathrop's Hatchery Richmond, Indiana	WPR	250	6.4	2.9	20.3	3.4	15.2	50	3.4	2.8	2.4
1/ Lathrop's Hatchery Richmond, Indiana	NH	250	4.4	2.7	20.8	3.2	15.7	50	3.2	2.7	2.3
1/ Martin's Hatchery Ramsey, Indiana	Cornish X NH	250	13.2	2.6	18.4	3.2	11.7	50	3.2	2.7	2.3
Nedlar Farms Peterborough, New Hampshire	DW X Cross	250	1.6	2.6	8.1	3.2	9.1	25	3.2	3.0 <sup>4/</sup>	-
Noble Hatchery Caldwell, Ohio	NH	300	3.3	2.7	11.8	3.2	12.7	55	3.2	2.9	-
1/ O-Hi-View Poultry Farm Leavenworth, Indiana	WPR	250	5.2	2.9	21.1	3.5	16.9	50	3.5	2.9	2.5

1/ Growing test conducted at a central location in Indiana

2/ NH = New Hampshire  
WPR = White Plymouth Rock  
Cornish X NH = Cornish Males X New Hampshire Females  
DW X Cross = Dominant White Males X Crossbred Females

Cockerels Dressed												300-day Laying Test						Hatch- abili- ty %	NPIP Class 5/
Av. Breast Angle degree	Av. Keel Length inches	Carcass grade based on									Re- ject- ed No.	Hens No.	Mor- tality %	Av. egg production		Av. Egg Wt. oz.			
		Fleshing			Finish			Feathering						Hen- Housed %	Hen Day %				
		A %	B %	C %	A %	B %	C %	A %	B %	C %									
73.8	4.0	69	31	0	83	17	0	91	9	0	0	385	37.9	49.9	62.6	25.2	76.5	APC	
70.3	3.6	96	4	0	92	8	0	100	0	0	1	199	8.0	46.6	47.6	26.0	73.9	APC	
67.3	3.0	86	14	0	94	6	0	100	0	0	1	203	12.0	47.5	50.5	25.1	81.8	APC	
72.8	3.6	98	2	0	96	4	0	100	0	0	1	250	15.0	55.7	59.4	25.5	81.0	APC	
77.1	4.2	92	8	0	64	36	0	96	4	0	0	200	14.0	58.2	62.5	26.2	77.5	APC	
69.3	3.9	76	24	0	64	36	0	82	14	4	0	250	26.8	63.6	66.9	26.1	79.5	APC	
70.2	3.5	98	2	0	86	14	0	100	0	0	2	240	20.0	50.6	57.2	24.9	85.0	APC	

3/ Expressed as the coefficient of variation. As the uniformity of the sample increases the numerical value of the coefficient of variation decreases.

4/ Chilled Weight

5/ APC = U. S. Approved, Pullorum-Clean

